

Substitute for form 1449A/PTO & 1448B/PTO		Complete If Known	
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use separate sheets as necessary)		Application Number	10/727,660
		Filing Date	December 5, 2003
		First Named Inventor	In-kyu PARK et al
		Examiner Name	Unassigned M.M. M. D
		Attorney Docket Number	030681-456
Sheet	1 of 2	2	

U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (If known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Document Number	Kind Code (If known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
					Yes	No

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
dk	DUCK HOON KIM ET AL., "Shape Decomposition Scheme By Combining Mathematical Morphology and Convex Partitioning", The 5 th Asian Conference on Computer Vision, 2002, pgs. 1-6, ACCV2002, Melbourne, Australia
dk	TITUS ZAHARIA ET AL., "3D Shape /Core Experiment: Semantic Versus Geometric Categorization of 3D Mesh Models", International Organisation for Standardisation, ISO/IEC JTC1/SC29/WG11, Coding of Moving Pictures and Audio, MPEG00/M6104, 2000, pgs. 1-10, Geneva, Switzerland
dk	B.S. MANJUNATH ET AL., "Multimedia Content Description Interface", Introduction to MPEG-7, 2002, pgs. 182-184 and pgs. 236-239, John Wiley & Sons, Ltd., Chichester, West Sussex, England
dk	IN KYU PARK ET AL., "Perceptual 3D Shape Descriptor: Result of Core Experiment", International Organisation for Standardisation, ISO/IEC JTC1/SC29/WG11, Coding of Moving Pictures and Audio, MPEG2003/M10093, 2002, pgs. 1-9, Brisbane, Australia
dk	LONGIN JAN LATECKI et al., "Convexity Rule for Shape Decomposition Based on Discrete Contour Evolution", Computer Vision and Image Understanding, 1999, pgs. 441-454, Vol. 73, No. 3, Academic Press, New York, USA
dk	TITUS ZAHARIA ET AL., "Results of 3D Shape Core Experiment", International Organisation for Standardisation, ISO/IEC JTC1/SC29/WG11, Coding of Moving Pictures and Audio, MPEG00/M6315, 2000, pgs. 1-8, Beijing, China
dk	JOHAN W.H. TANGELDER ET AL., "Polyhedral Model Retrieval Using Weighted Point Sets", Technical Report UU-CS-2002-019, 2002, pgs. 19, Utrecht University
dk	PETROS A. MARAGOS ET AL., "Morphological Skelton Representation and Coding of Binary Images", IEEE Transactions on Acoustics Speech, and Signal Processing, 1986, pgs. 1228-1244, Vol. 34, No. 5
dk	IN-KYU PARK ET AL., "Perceptual 3D Shape Descriptor: Result of Core Experiment", International Organisation for Standardisation, ISO/IEC JTC1/SC29/WG11, Coding of Moving Pictures and audio, MPEG2003/M9809, 2003, pgs. 1-9, Trondheim, Norway
dk	KALEEM SIDDIQI ET AL., "Shock Graphs and Shape Matching", International Journal of Computer Vision, 1999, pgs. 13-32, Kluwer Academic Publishers, Netherlands
dk	IOANNIS PITAS ET AL., "Morphological Shape Decomposition", IEE Transactions on pattern Analysis and Machine Intelligence, 1990, pgs. 38-45, Vol. 12, No. 1, IEEE

Examiner Signature	Date Considered
<i>[Signature]</i>	5-4-06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Substitute for form 1449A/PTO & 1449B/PTO		Complete if Known	
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Use additional sheets as necessary)</small>		Application Number	10/727,660
		Filing Date	December 5, 2003
		First Named Inventor	In-kyu PARK et al
		Examiner Name	Unassigned <i>MAK-M-P</i>
		Attorney Docket Number	030681-456
Sheet	2		

APR 15 2004		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
<i>db</i>	YOSSIFER ET AL., "The Earth Mover's Distance as a Metric for Image Retrieval", International Journal of Computer Vision, 2000, pgs. 99-121, Kluwer Academic Publishers, The Netherlands		
<i>db</i>	LESZEK CIEPLINSKI ET AL., "MPEG-7 Visual Part of Experimentation Model Version 11.0", International Organisation for Standardisation, ISO/IEC JTC1/SC29/WG11/N4362, Coding of Moving Pictures and Associated Audio Information, 2001, pgs. 1-91, Sydney, Australia		

Examiner Signature	<i>[Signature]</i>	Date Considered	5-4-06
--------------------	--------------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

VA 117657.1

Substitute for form 1449A/PTO & 1449B/PTO

**SECOND
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number 10/727,660
Filing Date December 5, 2003
First Named Inventor In-kyu Park et al.
Examiner Name Unassigned MAR/Am D
Attorney Docket Number 1030681-000456

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited In Spec

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
da	* T. ZAHARIA et al.: 3D-Shape-based retrieval within the MPEG-7 framework" Proceedings of the SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING SPIE-INT. SOC. OPT. ENG USA, vol. 4304, 2001, pages 133-145
da	* S. BISCHOFF et al.: "Streaming 3D geometry data over lossy communication channels" 26 August 2002 MULTIMEDIA AND EXPO, 2002 Proceedings 2002 IEEE INTERNATIONAL CONFERENCE ON LAUSANNE, SWITZERLAND 26-29 AUG. 2002, PISCATAWAY, NJ, USA, IEEE, US, pages 361-364
da	* G.M. EURIPIDES, G.M. PETRAKIS: "Content-Based Retrieval of Medical Images" INTERNATIONAL JOURNAL OF COMPUTER RESEARCH, vol. 11, no. 2, 30 June 2002 pages 171-182
da	* European Search Report dated October 6, 2005

* Copy Attached

Examiner Signature	Date Considered	5-4-06
--------------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.